

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (Currently amended) A method for screening an indicator substance ~~passively~~ produced by an action induced by a trigger protein, comprising the following steps:

1) contacting the trigger protein prepared by a cell-free protein synthesizing means with a target cell extract which contains the indicator substance that is ~~passively~~ produced by an action induced by the trigger protein and desired to screen, to initiate the action by the trigger protein, and

2) ~~specifying~~ detecting the substance changed by the action induced by the trigger protein.

2. (Original) The screening method according to claim 1, wherein the cell-free protein synthesizing means uses a wheat embryo extract which is substantially removed from a contaminating endosperm component and a low molecular protein synthesis inhibitory substance.

3. (Original) The screening method according to claim 2, wherein the unpurified or partially purified trigger protein prepared by the cell-free protein synthesizing means initiates the action on an unspecified indicator substance.

4. (Previously presented) The screening method according to claim 1, wherein as a marker for identifying an indicator substance changed by an action induced by a trigger protein, a particular substance capable of labeling the indicator substance of interest is introduced into the

system.

5. (Previously presented) The screening method according to claim 4, wherein the indicator substance changed by an action induced by a trigger protein is labeled with a means selected from the following:

- 1) radioactive substance,
- 2) fluorescent substance,
- 3) stable isotope, and
- 4) antibody.

6. (Previously presented) The screening method according to claim 1, wherein the indicator substance changed by the action induced by the trigger protein is detected using a change in molecular weight as a marker.

7. (Previously presented) The screening method according to claim 1, wherein the trigger protein is selected from the following:

- 1) enzyme,
- 2) transcription factor,
- 3) intranuclear receptor, and
- 4) cell membrane receptor.

8. (Previously presented) The screening method according to claim 1, wherein the target cell extract is selected from the following:

- 1) normal cell-derived extract,
- 2) cancer cell-derived extract,
- 3) wheat embryo extract, and
- 4) cell-derived extract subjected to stress and/or chemical treatment.

9. (Previously presented) A reagent kit for screening, comprising at least one reagent used in the screening method according to claim 1.

10. (Canceled)

11. (Currently amended) A method for screening a substance affecting the action of a trigger protein on ~~a target-cell-extract~~ the indicator substance detected in claim 1, comprising: ~~using the indicator substance specified in claim 10 as a control~~, contacting the trigger protein with the ~~target-cell-extract~~ indicator substance in the presence or absence of the candidate substance, and comparing changes in the ~~specified~~ indicator substance.

12. (Previously presented) The screening method according to claim 2, wherein as a marker for identifying an indicator substance changed by an action induced by a trigger protein, a particular substance capable of labeling the indicator substance of interest is introduced into the system.

13. (Previously presented) The screening method according to claim 3, wherein as a marker for identifying an indicator substance changed by an action induced by a trigger protein,

a particular substance capable of labeling the indicator substance of interest is introduced into the system.

14. (Previously presented) The screening method according to claim 2, wherein the indicator substance changed by the action induced by the trigger protein is detected using a change in molecular weight as a marker.

15. (Previously presented) The screening method according to claim 3, wherein the indicator substance changed by the action induced by the trigger protein is detected using a change in molecular weight as a marker.

16. (Previously presented) The screening method according to claim 2, wherein the trigger protein is selected from the following:

- 1) enzyme,
- 2) transcription factor,
- 3) intranuclear receptor, and
- 4) cell membrane receptor.

17. (Previously presented) The screening method according to claim 3, wherein the trigger protein is selected from the following:

- 1) enzyme,
- 2) transcription factor,
- 3) intranuclear receptor, and

4) cell membrane receptor.

18. (Previously presented) The screening method according to claim 2, wherein the target cell extract is selected from the following:

- 1) normal cell-derived extract,
- 2) cancer cell-derived extract,
- 3) wheat embryo extract, and
- 4) cell-derived extract subjected to stress and/or chemical treatment.

19. (Previously presented) The screening method according to claim 3, wherein the target cell extract is selected from the following:

- 1) normal cell-derived extract,
- 2) cancer cell-derived extract,
- 3) wheat embryo extract, and
- 4) cell-derived extract subjected to stress and/or chemical treatment.